

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A device for lining a vessel, comprising:
an expandable anchor movable from a collapsed shape to an expanded shape;
a liner attached to the anchor;
an inner layer, the liner being mounted over the inner layer; and
an outer layer extending over the liner and the anchor, the outer layer being attached to the outer layer, the outer layer being retracted to expose the liner when the outer layer is moved proximally relative to the inner layer.
2. (Original) The device of claim 1 wherein:
the outer layer holds the anchor in the collapsed position.
3. (Original) The device of claim 1 wherein:
the outer layer has a thickness of 0.0005-0.002 inch.
4. (Original) The device of claim 1 wherein:
the outer layer stretches over a tapered portion, the outer layer stretching as it passes over the tapered portion when the outer layer is moved proximally relative to the inner layer.
5. (Original) The device of claim 1 further comprising:
an inner element attached to the inner layer.
6. (Original) The device of claim 5, wherein:
the inner layer has a thickness of 0.0005-0.002 inch.
7. (Original) The device of claim 1 wherein:
the outer layer has a diameter of no more than 0.055 inch when in the collapsed position.

8 (Original) The device of claim 1 wherein:
the outer layer has a diameter of no more than 0.050 inch when in the collapsed position.

9. (Original) The device of claim 1 wherein:
the outer layer applies a compressive force to the liner to hold the liner in the collapsed position.

10. (Original) The device of claim 1 wherein:
the outer layer lies directly over the anchor and holds the anchor in the collapsed position, the outer layer being retracted by an outer element to expose the anchor and permit the anchor to move to the expanded position.

11. (Original) The device of claim 1 wherein:
the liner is collapsed by forming a number of folds.

12. (Original) The device of claim 1 wherein:
the liner is made of expanded PTFE.

13. (Original) The device of claim 1 further comprising:
a radiopaque coil extending beyond the distal end of the liner and being positioned at least partially between the inner and outer layers.

14. (Original) The device of claim 13, wherein:
the radiopaque coil extends beyond the distal end of the inner and outer layers.

15. (Original) The device of claim 1 wherein:

the inner and outer layers extend beyond a distal end of the liner, the outer layer tapering distally and being flexible enough to expand over the tapered section when the outer layer is retracted relative to the inner layer.

16. (Original) The device of claim 1 wherein:

the inner liner is attached to an inner element, the inner element engaging the anchor to hold the anchor when the outer layer is retracted relative to the inner layer.

17. (Original) The device of claim 16, wherein:

the inner element is spiral cut at a distal end.

18. (Original) The device of claim 17, wherein:

the inner element has a lumen for receiving a guidewire, the lumen having a diameter of 0.015-0.25 inch.

19. (Original) The device of claim 1 wherein:

the anchor has a length of less than 15 mm when collapsed.

20. (Original) A method of lining a vessel, comprising the steps of: providing an expandable anchor, a liner, an inner layer, and an outer layer, the anchor and liner being movable from a collapsed shape to an expanded shape, the liner being attached to the anchor and extending from an end of the anchor, the outer layer being slidable relative to the inner layer, the outer layer extending over the liner and the anchor extending over the liner and anchor in the collapsed position;

advancing the device to a treatment site; and

retracting the outer layer to expose the liner and the anchor to permit the anchor to expand.

Claims 21-37 Canceled

38. (Original) A method of opening a narrowed region in a blood vessel, comprising the steps of:

providing a liner movable from a collapsed condition to an expanded condition;

advancing the liner to a narrowed region of a blood vessel with the liner in the collapsed position;

passing at least a portion of the liner through the narrowed region of the blood vessel in the collapsed position;

positioning a stent in the liner so that the stent is also positioned in the narrowed region of the blood vessel, the liner preventing the stent from contacting the narrowed region of the blood vessel; and

expanding the stent to open the narrowed region of the vessel.

Claims 39-40 Canceled